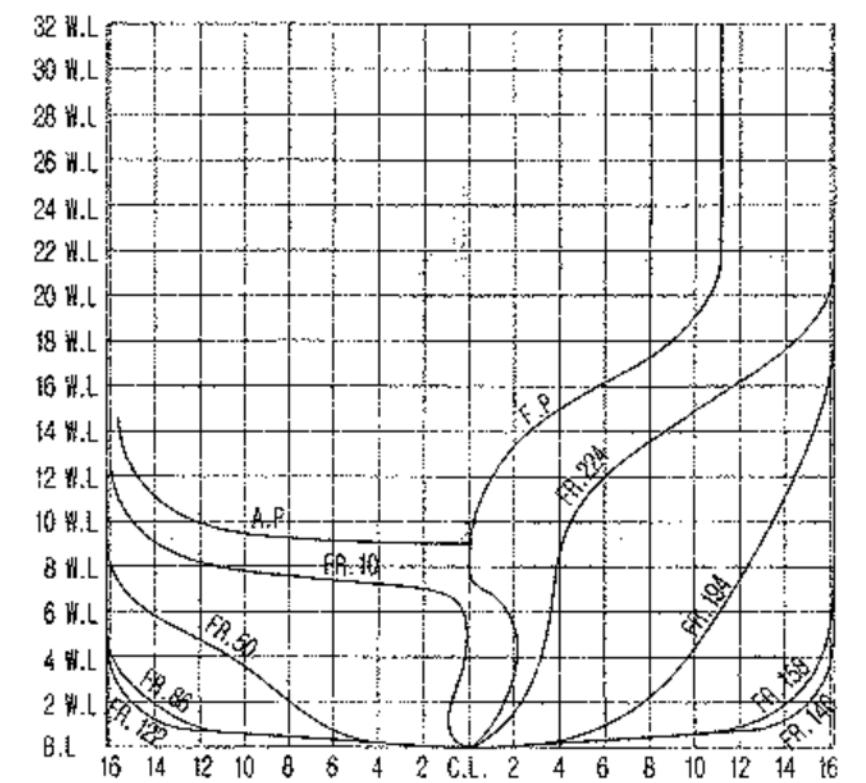




# DOCKING PLAN

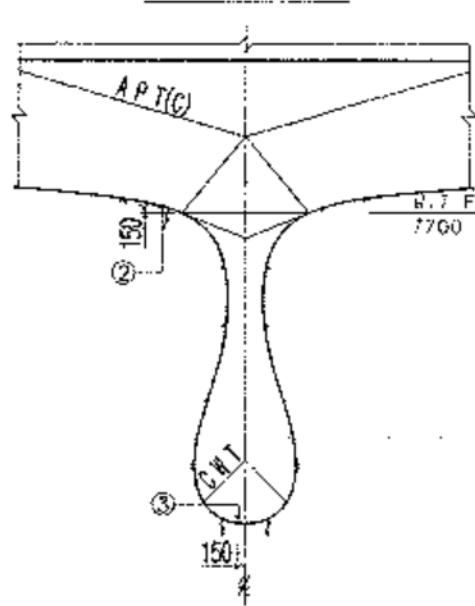
7,600 UNIT ROLL-ON ROLL-OFF CAR CARRIER

BODY PLAN, SCALE 1:200



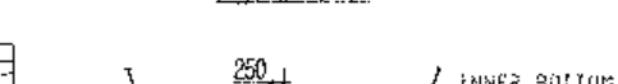
DETAIL 2, 3, SCALE 1: 100

FR.11-300 SEC.

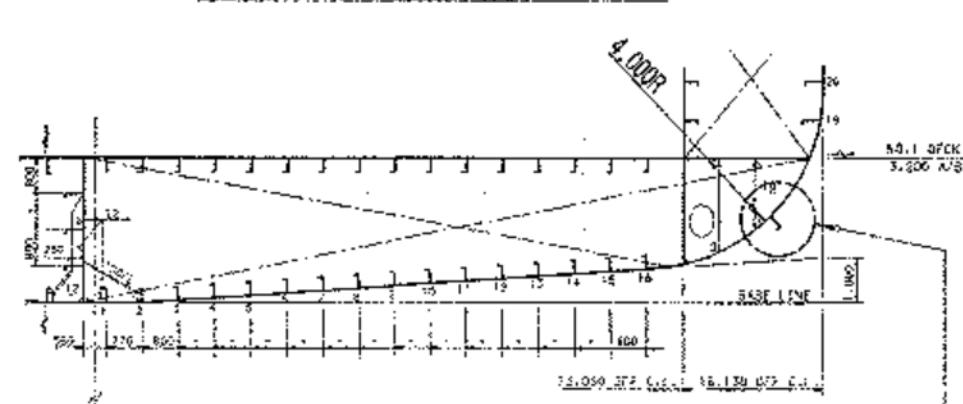


DETAIL 4, SCALE 1: 100

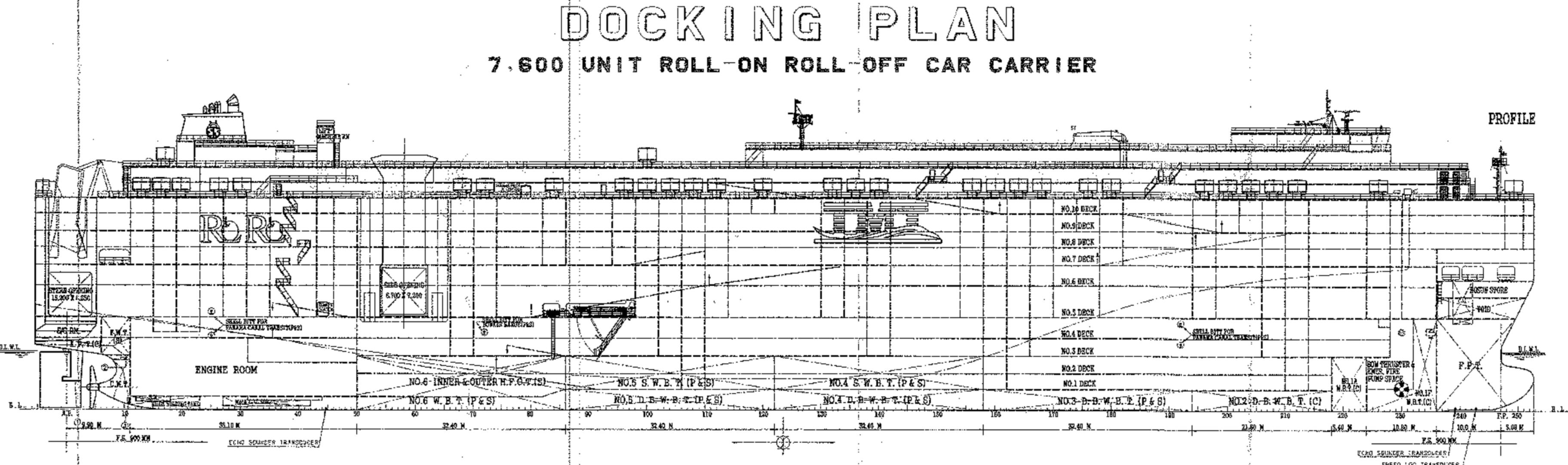
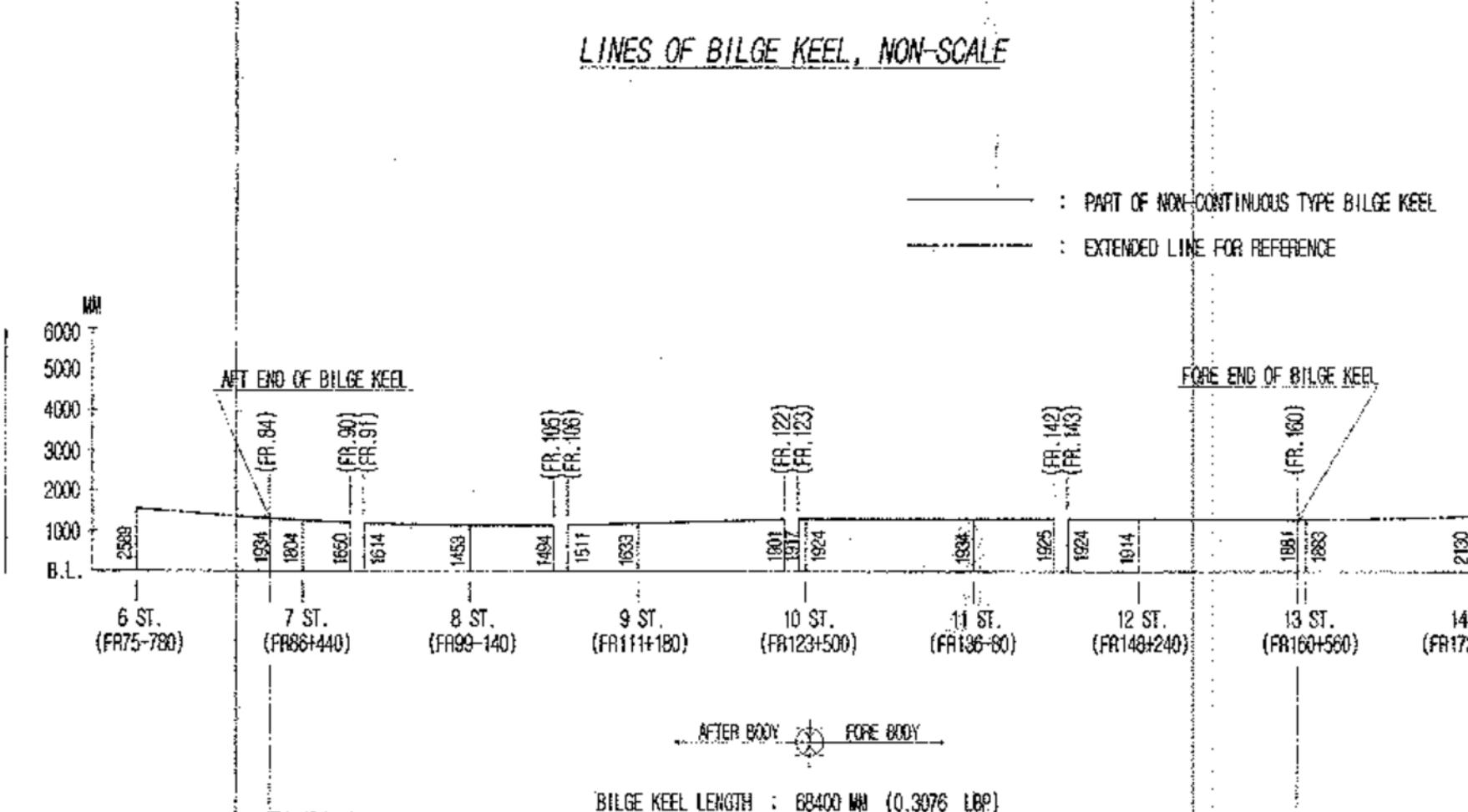
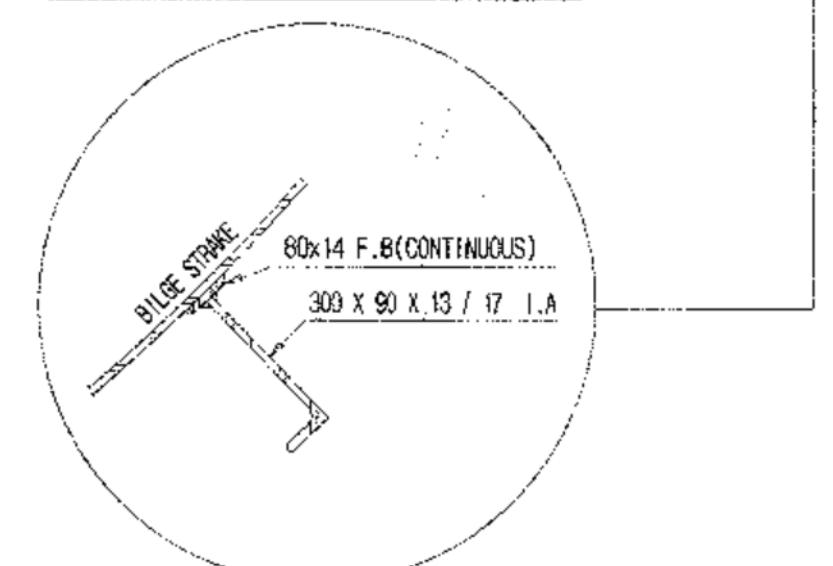
FR.27 SEC.



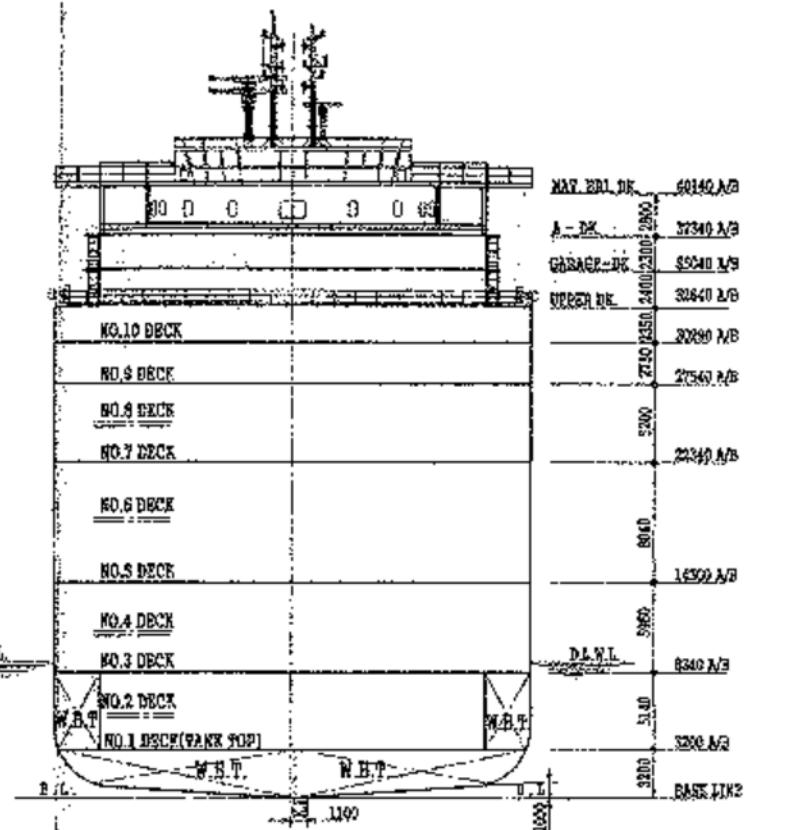
MIDSHIP SECTION, SCALE 1: 100



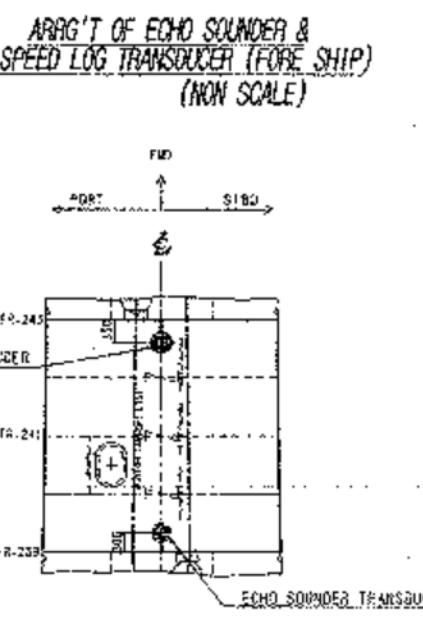
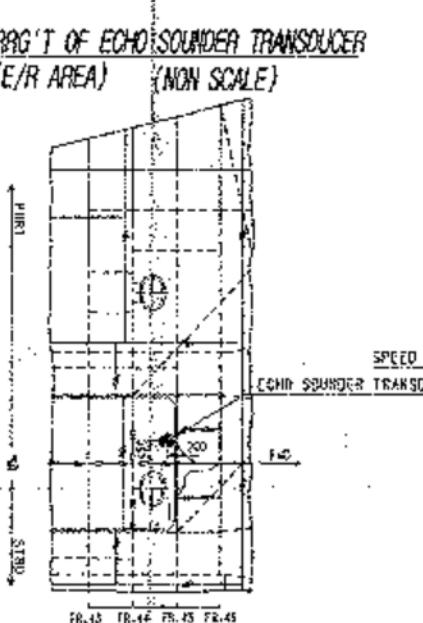
DETAIL OF BILGE KEEL, SCALE 1: 40



PROFILE



MIDSHIP SECTION



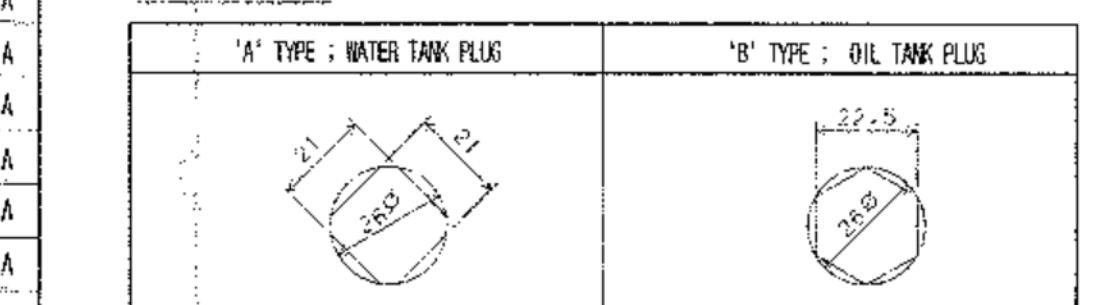
## LIST OF BOTTOM PLUG

PLUG NO.	POSITION	CASEMENT	ABBRIVIATION	PLUG TYPE
① 1	0 C	BUBBLE HORN	'NO MARK'	A
② 10420	SEE DET	P AFTER PEAK TANK	APT	A
③ 11-300	SEE DET	P COOLING WATER TANK	CWT	A
④ 27	SEE DET	P MAIN LUBRICATING OIL SUMP TANK	'NO MARK'	B
⑤ 24-300	250 P	BILGE HOLDING TANK	BLG HOLD T	B
⑥ 24-300	250 P	COFFERDAM	CD	A
⑦ 31-300	300 S	COFFERDAM	CD	A
⑧ 42-300	2405 P	OILY BILGE TANK	OBLG T	B
⑨ 52-300	1300 P	NO.6 WATER BALLAST TANK	6WBT	A
⑩ 51-300	1300 S	NO.6 WATER BALLAST TANK	6WBT	A
⑪ 87-300	1300 P	NO.6 WATER BALLAST TANK	5.08WBT	A
⑫ 86-300	1300 S	NO.5 DOUBLE BOTTOM WATER BALLAST TANK	5.08WBT	A
⑬ 123-300	1300 P	NO.4 DOUBLE BOTTOM WATER BALLAST TANK	4.08WBT	A
⑭ 123-300	1300 S	NO.4 DOUBLE BOTTOM WATER BALLAST TANK	4.08WBT	A
⑮ 159-300	1300 P	NO.3 DOUBLE BOTTOM WATER BALLAST TANK	3.08WBT	A
⑯ 159-300	1300 S	NO.3 DOUBLE BOTTOM WATER BALLAST TANK	3.08WBT	A
⑰ 195-300	1300 P	NO.2 DOUBLE BOTTOM WATER BALLAST TANK	2.08WBT	A
⑱ 218-300	500 S	NO.1 AFTER WATER BALLAST TANK	1AWBT	A
⑲ 224-300	400 P	NO.1 FORE WATER BALLAST TANK	1FWBT	A
⑳ 237-100	250 S	FORE PEAK TANK	FPT	A
㉑ 244-300	100 P	FORE PEAK TANK	FPT	A

## PAINTING AREAS

DESCRIPTION	LOCATION	AREA (M <sup>2</sup> )
FLAT BOTTOM	UP TO BILGE KEEL LEVEL	4,500
SIDE BOTTOM	UP TO DESIGN DRAFT: 9.0M	4,620
TOP SIDE	FROM DESIGN DRAFT TO NO.8 DECK	7,090
SUPER STRUCTURE	FROM NO.8 DECK TO UPPER DECK	5,850

## TYPE OF PLUG



## PRINCIPAL PARTICULARS

LENGTH O. A.	232.39 M
LENGTH B. P.	222.40 M
BREATH MLD.	32.26 M
DEPTH MLD.	32.64 M
DRAUGHT (DESIGN) MLD.	9.00 M
DRAUGHT (SCANTLING) MLD.	10.00 M

FREEBOARD : "B" TYPE

FLAG : PANAMA

CLASS : DNV NORSE VERITAS, +1A1, CAR CARRIER RO/RO EO, MOK, TMON

MAIN ENGINE : ONE(1), HYUNDAI B&W 8GOME-C8

MCR : 19040 KW X 105.0 RPM

NCR : 17136 KW X 101.4 RPM

SHIP NO.	DEP. NO.	SHIP TYPE	CLASS
5202	S389/399/400 S443	7,600 UNIT ROLL-ON ROLL-OFF CAR CARRIER	DNV NORSE VERITAS, +1A1, CAR CARRIER RO/RO EO, MOK, TMON
5203	IM0 944343		1405 EXCISE CARGO CONTAINER, PROPRIETARY (DNV94143)
5204	IM0 944354		01 2004 EXCISE CARGO CONTAINER, PROPRIETARY (DNV94144)
5205	IM0 944358		01 2004 EXCISE CARGO CONTAINER, PROPRIETARY (DNV94145)
5206	IM0 944360		01 2004 EXCISE CARGO CONTAINER, PROPRIETARY (DNV94146)

DEP. NO.	SHIP NO.	SHIP NAME
5202	S389/399/400 S443	
5203		
5204		
5205		
5206		

APPROVED BY : S. K. LEE

CHECKED BY : S. K. LEE

DRAWN BY : S. K. LEE

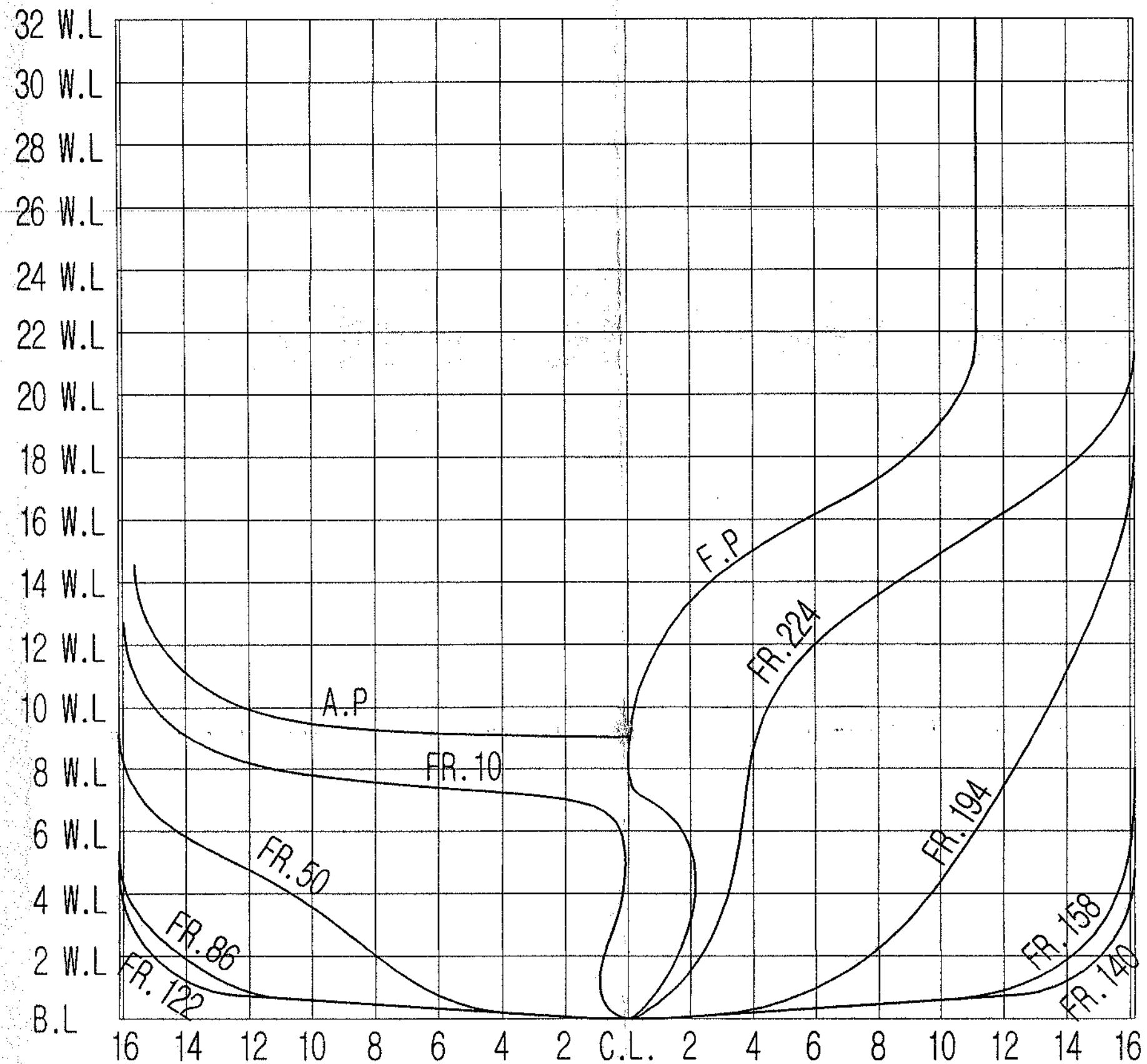
SCALE : 1/200

DATE : 2009.11.25

CONSOLIDATED NO. : B-04

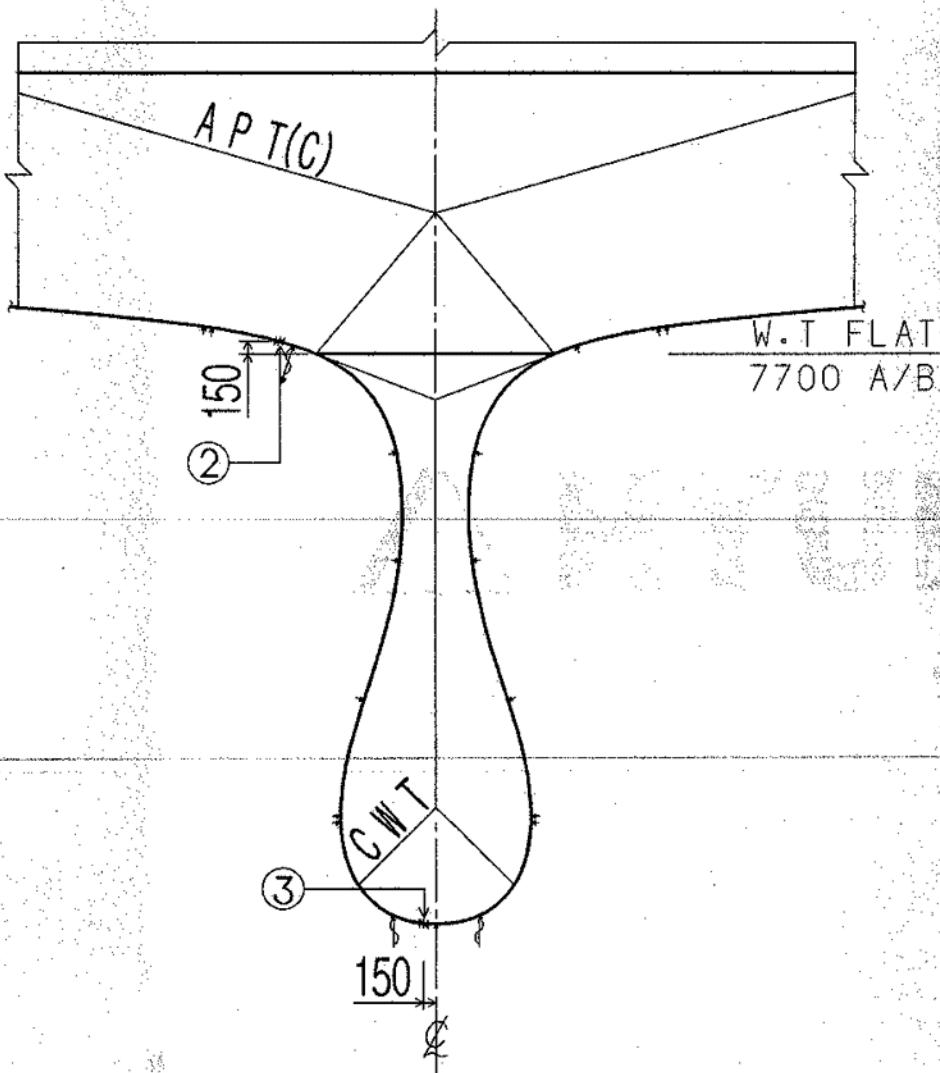
DOCKING PLAN

# BODY PLAN, SCALE 1:200



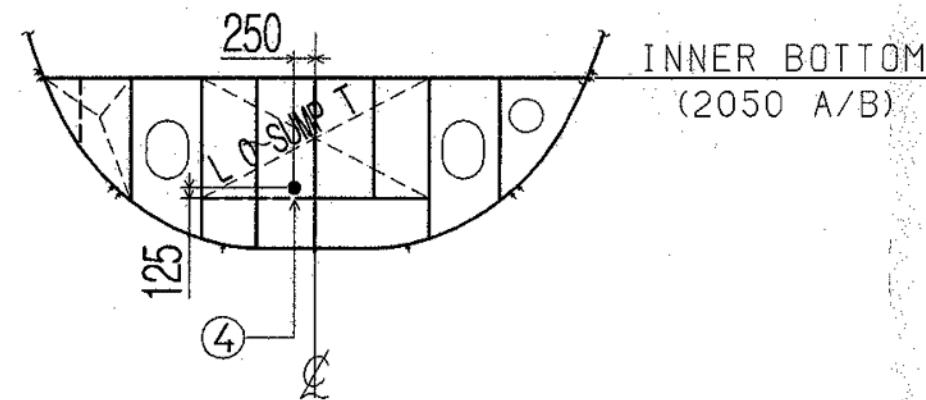
DETAIL 2, 3, SCALE 1: 100

FR.11 -300 SEC.

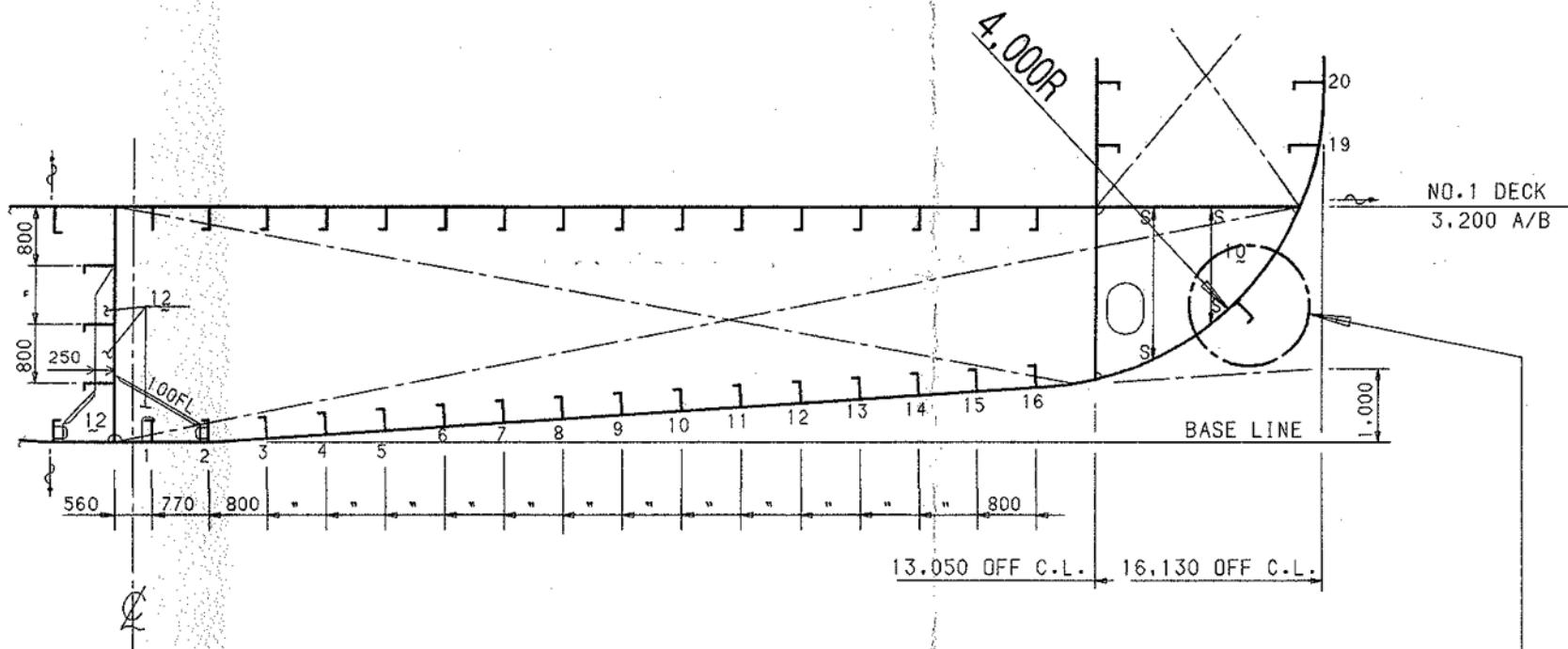


DETAIL 4, SCALE 1: 100

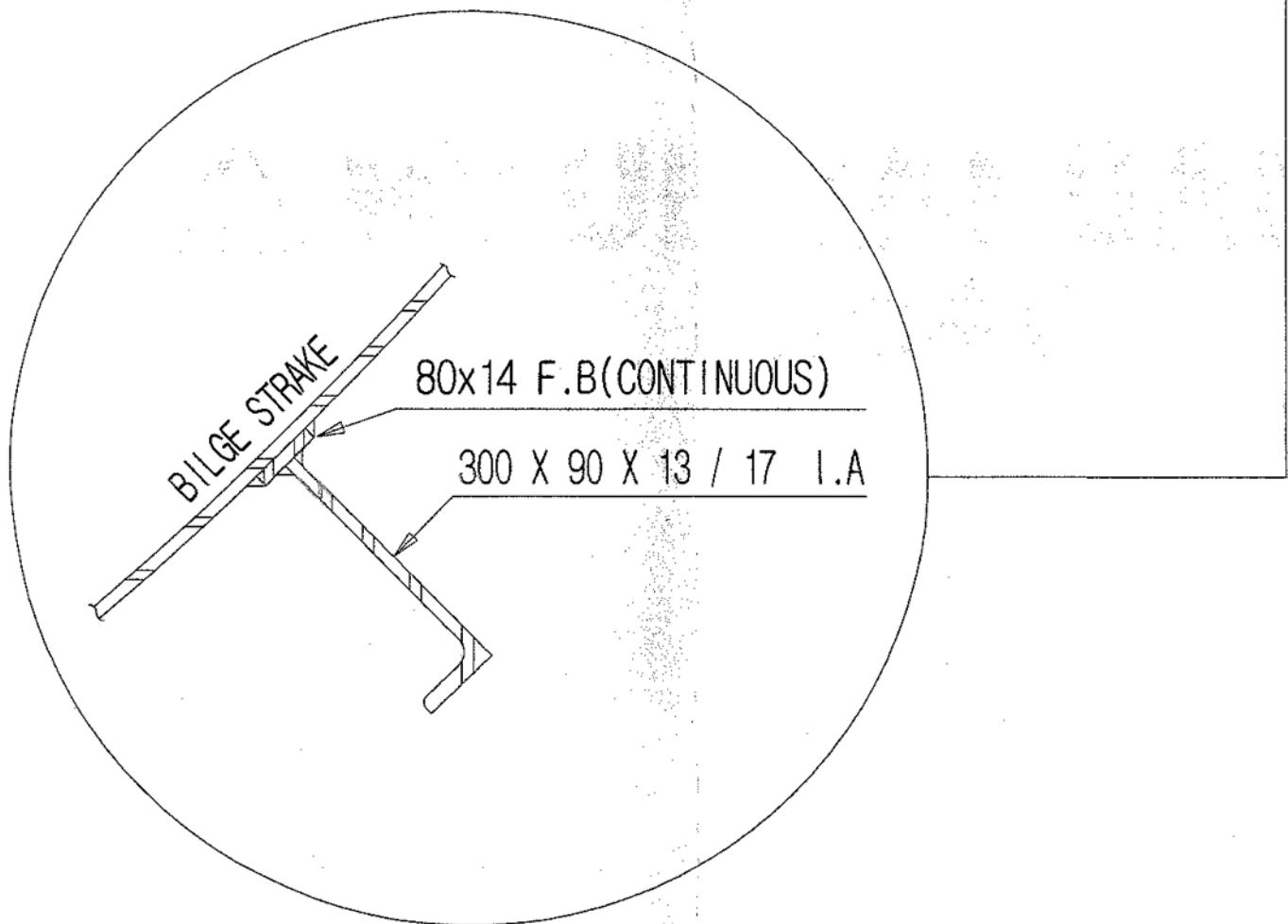
FR.27 SEC.



# MIDSHIP SECTION, SCALE 1: 100



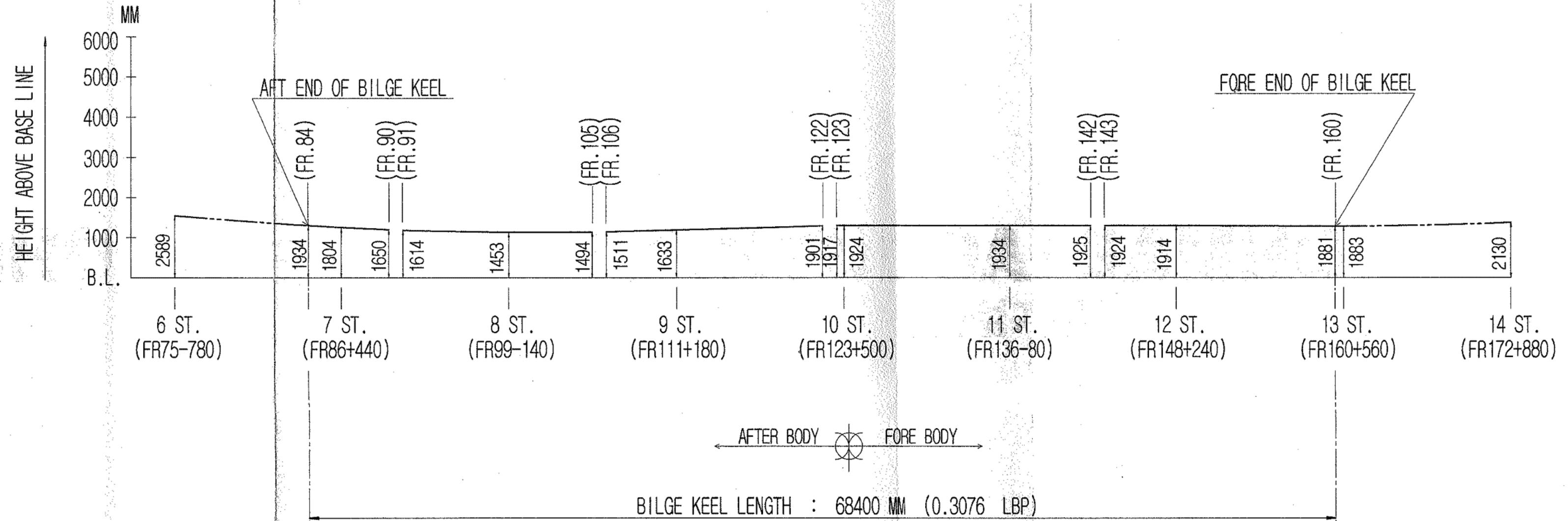
# DETAIL OF BILGE KEEL, SCALE 1: 40



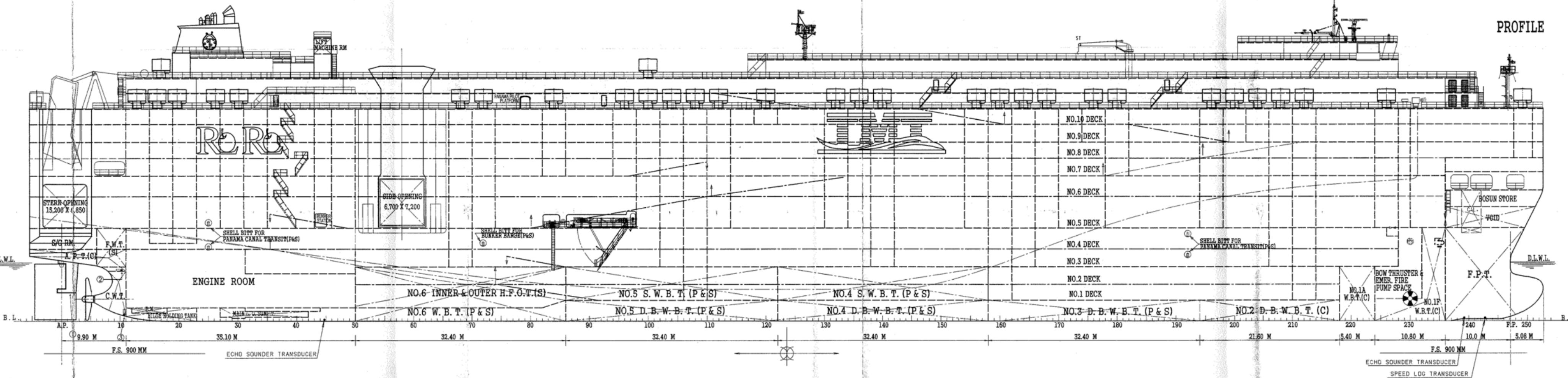
# LINES OF BILGE KEEL, NON-SCALE

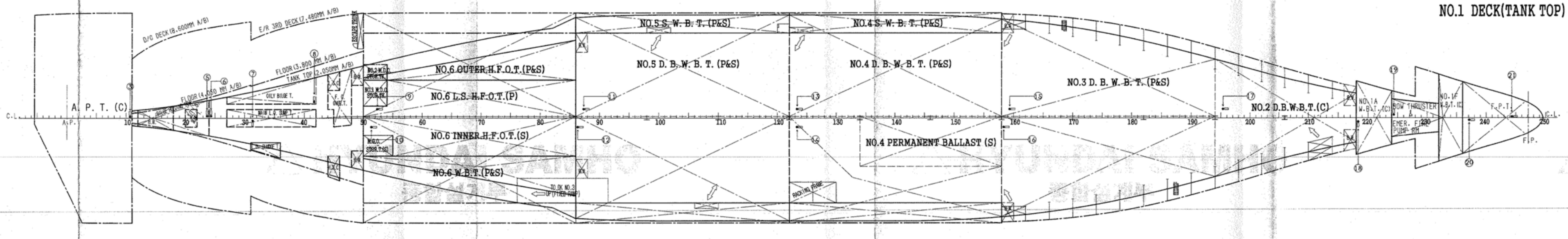
— : PART OF NON-CONTINUOUS TYPE BILGE KEEL

— : EXTENDED LINE FOR REFERENCE



PROFILE





# LIST OF BOTTOM PLUG

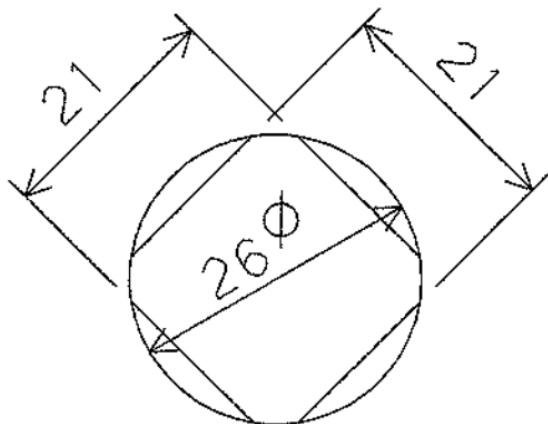
PLUG NO.	POSITION			COMPARTMENT	ABBREVIATION	PLUG TYPE
	FR. NO.	OFF C.L.	P&S			
①	1	0	C	RUDDER HORN	'NO MARK'	A
②	10+250	SEE DET.	P	AFTER PEAK TANK	APT	A
③	11-300	SEE DET.	P	COOLING WATER TANK	CWT	A
④	27	SEE DET.	P	MAIN LUBRICATING OIL SUMP TANK	'NO MARK'	B
⑤	24-300	250	P	BILGE HOLDING TANK	BLG HOLD T	B
⑥	24+300	250	P	COFFERDAM	CD	A
⑦	31+300	300	S	COFFERDAM	CD	A
⑧	42-300	2405	P	OILY BILGE TANK	O BLG T	B
⑨	52+300	1300	P	NO.6 WATER BALLAST TANK	6 W B T	A
⑩	51+300	1300	S	NO.6 WATER BALLAST TANK	6 W B T	A
⑪	87+300	1300	P	NO.6 WATER BALLAST TANK	5 DB W B T	A
⑫	86+300	1300	S	NO.5 DOUBLE BOTTOM WATER BALLAST TANK	5 DB W B T	A
⑬	123+300	1300	P	NO.4 DOUBLE BOTTOM WATER BALLAST TANK	4 DB W B T	A
⑭	123+300	1300	S	NO.4 DOUBLE BOTTOM WATER BALLAST TANK	4 DB W B T	A
⑮	159+300	1300	P	NO.3 DOUBLE BOTTOM WATER BALLAST TANK	3 DB W B T	A
⑯	158+300	1300	S	NO.3 DOUBLE BOTTOM WATER BALLAST TANK	3 DB W B T	A
⑰	195+300	1300	P	NO.2 DOUBLE BOTTOM WATER BALLAST TANK	2 DB W B T	A
⑱	218+300	500	S	NO.1 AFTER WATER BALLAST TANK	1 A W B T	A
⑲	224+300	400	P	NO.1 FORE WATER BALLAST TANK	1 F W B T	A
⑳	237+100	250	S	FORE PEAK TANK	F P T	A
㉑	244+300	100	P	FORE PEAK TANK	F P T	A

# PAINTING AREAS

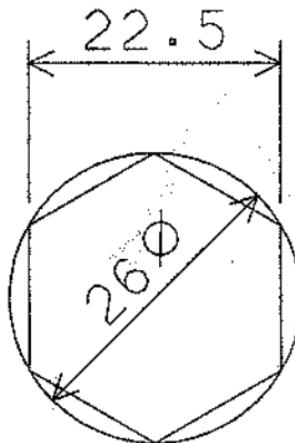
DESCRIPTION	LOCATION	AREA (M2)
FLAT BOTTOM	UP TO BILGE KEEL LEVEL	4,500
SIDE BOTTOM	UP TO DESIGN DRAFT, 9.0M	4,620
TOP SIDE	FROM DESIGN DRAFT TO NO.8 DECK	7,890
SUPER STRUCTURE	FROM NO.8 DECK TO UPPER DECK	5,850

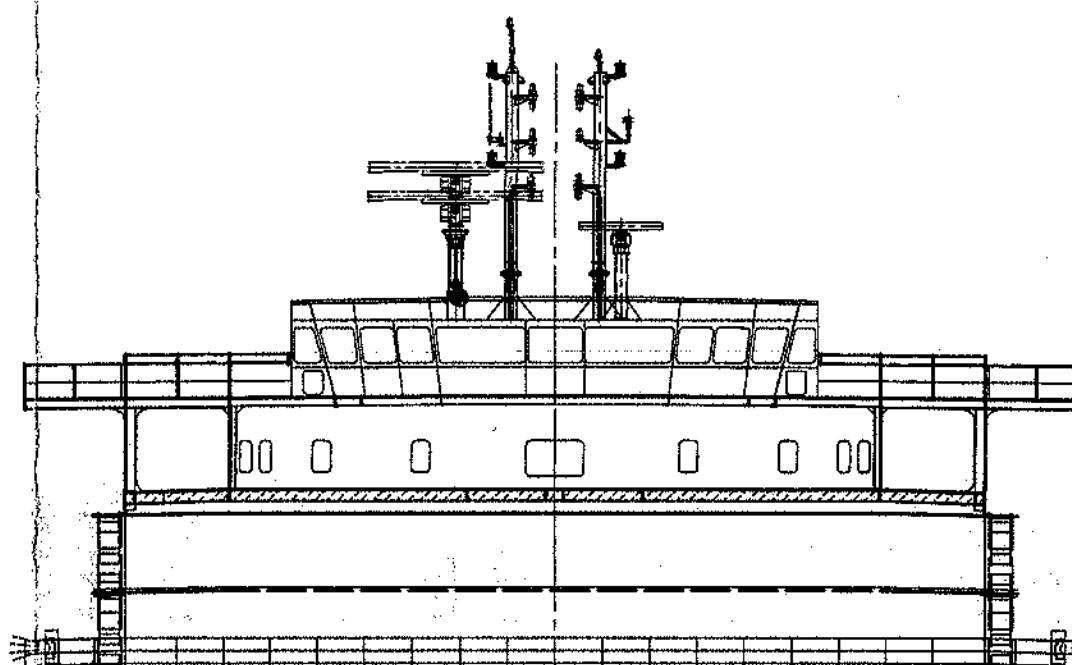
# TYPE OF PLUG

'A' TYPE ; WATER TANK PLUG



'B' TYPE ; OIL TANK PLUG

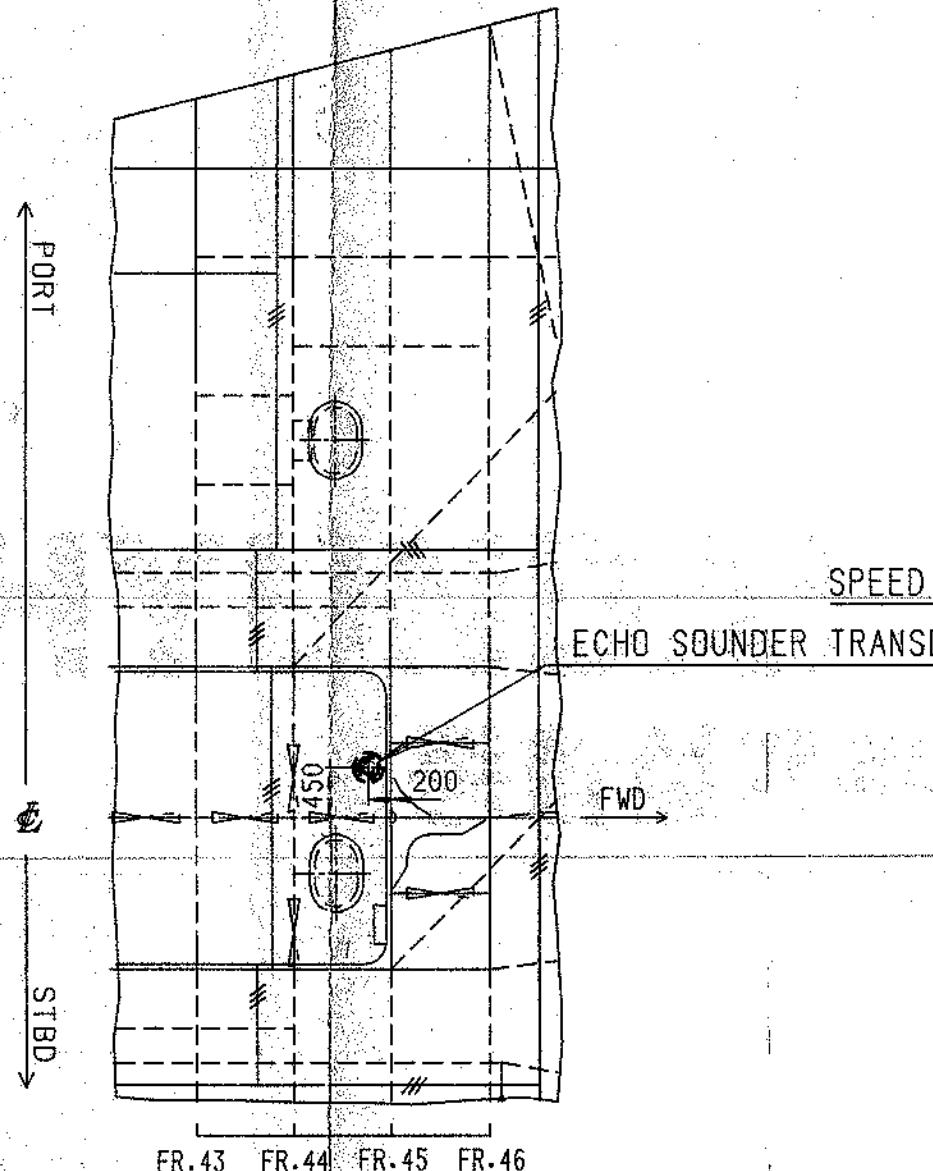




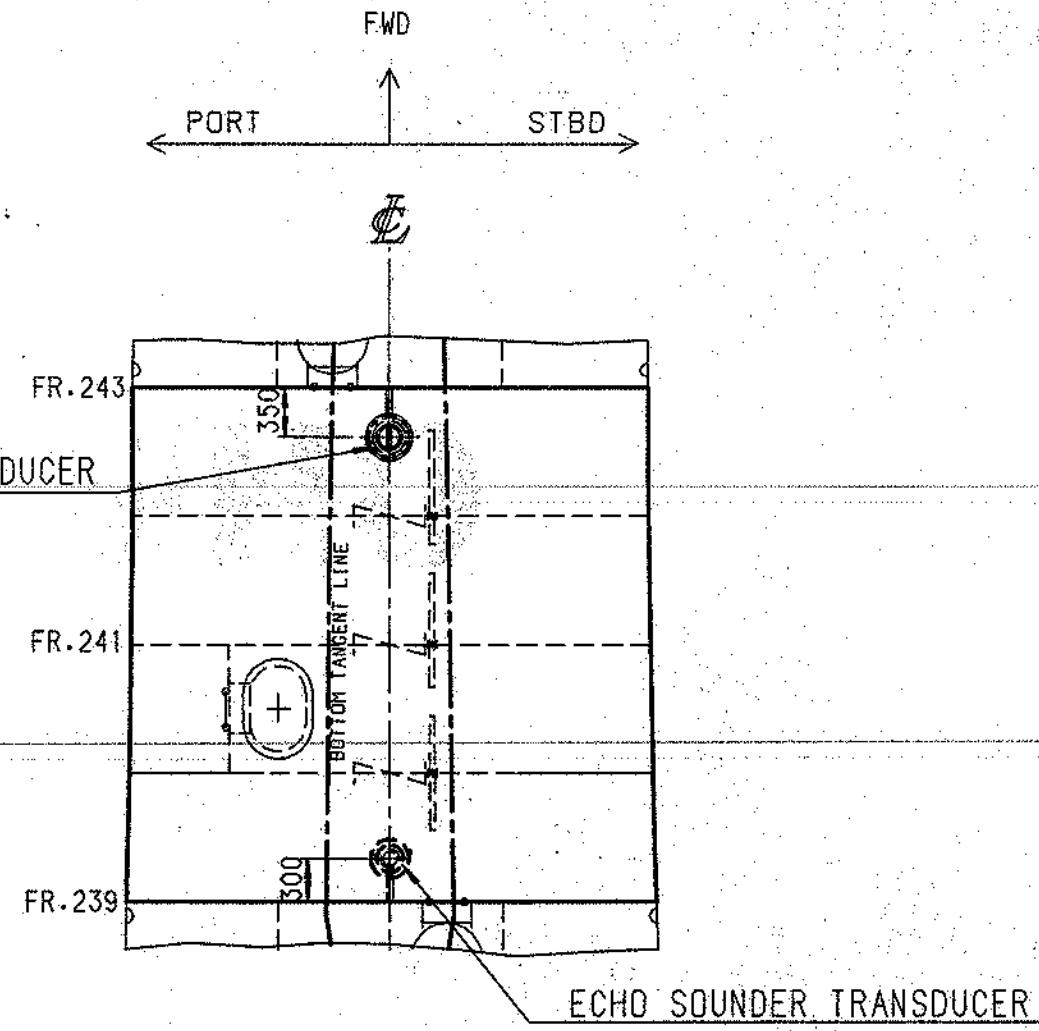
<u>NAV. BRI. DK.</u>	40140 A/B
<u>A - DK.</u>	37340 A/B
<u>GARAGE-DK</u>	35040 A/B
<u>UPPER DK.</u>	32640 A/B
	30290 A/B
	27540 A/B
	22340 A/B
<u>D.L.W.L.</u>	14300 A/B
	8340 A/B
<u>W.B.T.</u>	3200 A/B
<u>B.L.</u>	BASE LINE

MIDSHIP SECTION

ARRG'T OF ECHO SOUNDER TRANSDUCER  
(E/R AREA) (NON SCALE)



ARRG'T OF ECHO SOUNDER &  
SPEED LOG TRANSDUCER (FORE SHIP)  
(NON SCALE)



## PRINCIPAL PARTICULARS

LENGTH O. A.	232.39	M
LENGTH B. P.	222.40	M
BREADTH MLD.	32.26	M
DEPTH MLD.	32.64	M
DRAUGHT (DESIGN) MLD.	9.00	M
DRAUGHT (SCANTLING) MLD.	10.00	M

FREEBOARD : "B" TYPE

FLAG : PANAMA

CLASS : DET NORSKE VERITAS, +1A1, CAR CARRIER RO/RO  
EO, MCDK, TMON

MAIN ENGINE : ONE(1), HYUNDAI B&W 8S60ME-C8

MCR : 19040 kW X 105.0 RPM

NCR : 17136 kW AS 101.4 RPM DWG

SHIP NO.	IMO SHIP IDENTIFICATION NO.
S398	IMO 9441867
S399	IMO 9445394
S400	IMO 9445409
S443	IMO 9472206



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